

(b)

ELEMENT

Patent Number: **JP61037887**
Publication date: **1988-02-22**
Inventor(s): **EGUCHI TAKESHI; others: 02**
Applicant(s): **CANON INC**
Requested Patent: ☐ **JP61037887**
Application Number: **JP19840158688 19840731**
Priority Number(s):
IPC Classification: **C09K11/06**
EC Classification:
Equivalents: **JP2012442C, JP4046313B**

Abstract

PURPOSE: An inexpensive EL element with a good light emission efficiency by low-voltage driving, made by holding a light-emitting layer of an electron-acceptive, electroluminescent org. compd. and a light-emitting layer of an electron-donating electroluminescent org. compd. between two electrode layers.

CONSTITUTION: A light-emitting layer 2, 0.01-1μm in thickness, comprising a first light-emitting layer 4 consisting of a monomolecular film or monomolecular cumulative film of an electroluminescent org. compd. such as a compd. of formula I which is more electron-acceptive than a second light-emitting layer, and the second light-emitting layer 5 consisting of a monomolecular film or monomolecular cumulative film of an electroluminescent org. compd. which is more electron-donating than the first light-emitting layer, are held between electrode layers 1 and 2 of which at least one is transparent.

Data supplied from the esp@conet database - 12